

Bently LUBE™ Makes Lubrication Data Management Easy

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Proactive lubrication management is a very important technology for improving machinery reliability. Many plants employ structured programs for managing their machines' lubrication as an integral part of their overall approach to asset management. Perhaps you are already one of them. Whether you are just starting a lubrication program, or are already well established, to get the most from it, you need the right partner – a partner with:

- The right tools
- The right methodologies
- The right consulting expertise

Bently Nevada is that partner.

The focus of this brief article is to introduce Bently LUBE™, our newest software tool for managing lubricant test data. After surveying the currently available software

tools, we decided to take a fresh look at lubricant test data management. We concluded that a package with a modern, user-friendly interface was needed to bring lubrication data management into the 21st century. The result of our efforts is Bently

LUBE™, a package specifically designed to give users the easiest possible access to their lubricant test information.

The success of your lubrication management program depends heavily on an effective tool to track and manage lubricant test data. Bently LUBE makes lubricant test data

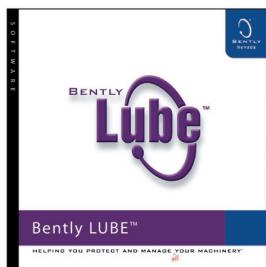
management almost effortless. Its powerful user interface is designed for today's Microsoft® operating systems like Windows® 2000 – putting it light-years ahead of other programs that are little more than DOS or Windows 3.X programs at their core. Bently LUBE™ places a bundle of productivity-enhancing tools at your fingertips:

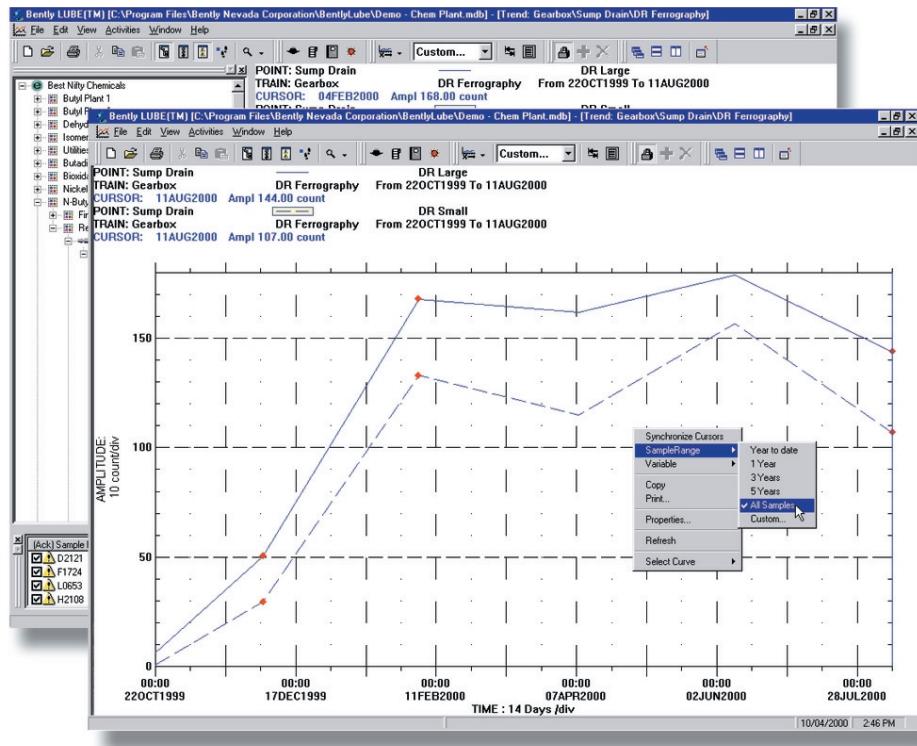
Configuration Features

- Configure user databases easily and automatically during data import.
- Simply drag-and-drop to configure and print collection routes and labels for efficient sample collection. Sample point locations and special instructions are automatically printed on the sampling route checklist.
- Have it *your* way. The multi-level user-configurable descriptive hierarchy in the equipment view allows you to organize your equipment and data the way *you* want to see it. Drag-and-drop copy and move operations make modifications to your structure "a snap."

Display Features

- Display and print trends of lab analysis results, with your choice of data plotted against calendar intervals or equipment service hours.
- Display tests with multiple variables (like elemental spectrographic results) in a very effective format with bargraph plots. The log scaling option greatly enhances data visibility for multi-variable plots with large amplitude variations among the variables.
- View all test data or quickly select individual tests via the readily accessible sample table view. Quickly plot your sample data by right-clicking the test tab you want to plot.
- Display service history event flags (lube changes, lube additions, overhauls, user-defined events, etc.) directly on trend plots.
- Access all plot options rapidly via right-click context menus available right on the plot. No need to go through layer upon layer of pull-down menus.





- Save your preferred plot views as defaults with a single mouse click.

Data Management Features

- Efficiently import test analysis results from commercial laboratories. Ask us about support for your favorite lab.
- Intuitively identify and navigate to all exception samples flagged by your laboratory.
- Proactively manage your equipment with user-defined alarm setpoints on all variables. Supports multiple alarms on absolute value, percent of mean, standard deviation from mean, percent change from last sample, or equivalence. Quickly navigates to and plots out-of-limit variables.
- Enter data manually when electronic data is not available.
- Schedule sample collection, lube changes, and overhauls.
- Link graphical images and external documents (e.g., MS Word, MS Excel, and many graphic formats) to individual samples.
- Add your own user-defined tests to a database at any time.
- Identify lubricants used in your machinery from our database of over 1,800 lubricants. It's easily

edited, making addition of new lubricants simple.

- Reduce database size with the built-in database compaction utility.

Reporting Features

Print standardized reports of:

- Test results
- Sample exceptions
- Sample status
- Overdue sample points
- Equipment/component list
- Imported data log
- Labels, selected by route or hierarchy

Online Help

- Get help quickly with the online context-sensitive help system.
- Forgot or don't know the definition of a lubrication term? Consult the online lubrication terminology section.

If you're interested in bringing your lubricant test data management up-to-date, Bently LUBE™ is the right tool for you. Contact your nearest Bently Nevada Sales or Service Professional for more information. ☎